Harper's Magizine. ILLUSTRATED.

Harper's Magazine during 1887 will contain a novel of intense political, social and romantic interest entitled "Narka"-a story of Russian life-by Kathleen O'Mears; a new novel entitled 'April Hopes," by W. D. Howells; va entitled 'April Hopes," by W. D. Howells;
"Southern Sketches," by Charles Dudley WarBer and Hebecca Harning Davis, Inustrated
by William Hamilton Gibson; "Great
Americas Industries"—continued; "Social
Studies, by Dr. R. T. Esy; further acticles on
the Railway Problem by competent writers;
new series of illustrations by E. A. Abbey
and Alfred Parsons; articles by E. P. Roe; and
other attractions.

HARPER'S PERIODICALS.

HARPER'S MAGAZINE... HARPER'S WEEKLY HARPER'S BAZAR HARPER'S YOUNG PEOPLE 2 00 HARPER'S PRANKLIN SQUARE LIBRA-HARPER'S HANDY SERIES, One Year (52 Numbers) 15 00 ostage Free to all subscribers in the United

The volumes of the Magazine begin with the Numbers for June and Denember of each year. When no time is specified, subscriptions will begin with the Number current at time of receipt of order.

Bound Volumes of Harper's Magazine, for three years each, in next handing, will be sent by mail, nostpaid, on receipt of \$3.00 rer yolume. Cloth Cases, for binning, 50 cents each—by mail, postpaid.

Index to harper's Magazine, Alphabetical, Analytical and Classified, for Volumes 1 to 10 inclusive, from June, 1850, to June, 1885, one vol., Svo., Cloth, \$4.00.

Remittances should be made by Post-Office Money Order or Drait, to avoid chance of logs.

loss.

Newspapers are not to copy this advertisement without the express order of Harper & Brothers. Address HARPER & BROS., New York

1887. Harper's Weekly. ILLUSTRATED.

Harper's Weekly maintains its position a the leading illustrated newspaper in America; and its and upon public scarm and confidence was never stronger than at the present time. Besides the pictures, Harper's Weekly always cog tains instalments of one, occasion finely illustrated, with short stories, occasionally of two of one best hovers of the day, finely illustrated, with short stories, poems, sketches, and papers on important current topics by the most popular writers. The care that has been succe-stuly exercised in the past to make Harper's Weekly a safe as well ns a welcome visitor to every ho not be relaxed in the future.

HARPER'S PERIODICALS. Per Year:

HARPER'S WEEKLY HARPER'S BAZAR HARPER'S HARPER'S FRANKLIN SQUARE LI-BRAILT, One Test Or Names of the HARPER'S HANDY SERIES, One Year Postage Free to all subscribers in the United States or Canada.

The Volumes of the Weekly begin with the

The Volumes of the Weekly begin with the first Number for January of each year. When no time is mentioned, subscriptions will begin with the Number current at time of receipt of order.

Bound Volumes of Harper's Weekly, for three years back, in neat cloth blinding, will be sent by mail, postage paid, or by express, free of express lorovided the freight does not exceed one dollar per volume), for \$7.00 per volume. volume.

Ciota Cases for each volume, suitable for

binding, will be sent by mail, postpaid, on receipt of \$1.00 each. Remittance's should be made by Post-Office Money Order or Draft, to avoid chance of

loss.

Newspapers are not to copy this advertisement without the express order of Harper & Brothers.

Address HARPER & BROS, New York.

1887. Harper's Bazar. ILLUSTRATED.

Harper's Bazar combines the choicest liter-Harper's Bazar combines the choicest literature and the finest art illustrations with the latest fashions and the most useful family reading. Its stories, poems, and essays are by the best writers, and its humorous sketches are unsurpassed. Its papers on social etiquette, decoratives art, house-keeping in all its branches; cookery, etc., make it indispensable in every household. Its beautiful fashion-plates and pattern-sheet supplements enable ladies to save many times the cost of subscription by being their own dressmakers. Not a line is admitted to its columns that could shock the most fastidious taste,

HARPER'S PERIODICALS. Per Year.

The volumes of the Bazar begins with the first Number for January of each year. When no time is mentioned, subscriptions will be-gin with the Number current at time of re-

Bound Volumes of Harper's Bazar, for three Bound Volumes of Harper's Bazar, for three ears back, in neat cloth binding, will be ears back, in neat cloth binding, will be sent by mail, postage paid, or by express (pro-vided the weight does not exceed one dollar per volume), for \$7 00 per volume. crotic takes for each volume, suitable for binding, will be sent by mail, postpaid, on receipt of \$1.0 ccch. Reinittaines rould be made by Post-office Money Order or Draft, to avoid chance of

loss.

Newspapers are not to copy this advertise. ent without the cupress order of Harper & Brothers.
Address HARPER & BROS., New York,

1887. Harper's Young Feaple.

Harper's Young People has been called "the mean of word a performal for young readers cognit to be," and the justice of this commendation is amply sustained by the large chemical in the astrone and in Great Britain. This success has been reached by methods that must commend themselves to the justice of parents, to less than to the lastes of children—asmely, by an earnest and well sustained effort to provide the best and most attractive reading for young poide at a low price. The Illustrations are explains and of a conspicuously high standard of excellence. Harper's Young People has been called

An epitome of everything that is attractive icable in juvenilo atterature.-Beston

Courier

A weakly feast of good things to the boys
and girls in every family which it visits.

Brooklyp Union.

It is worderful in its wealth of pictures, in and interest,-Christian Advo-

BERMS : Postage . . . paid \$2 Per Year. Vol. VIII, commences November 2, 1886

Single Numbers Five Conteach, Remittances should be made by Post-Office oney Order or Draft, to avoid chance of Name of the control of the salvertee and the control of the contro

LOVE'S SOLITUDE AND SOCIETY.

Of worldly men and ways, I cheerly go, Since I am there as one that bath no fee,

The too fierce sun and paths with leaves are strewed. And bird-sought brooks in shady stills I need not shun the turmoll, since I know That Love will make for me sweet solitude. And if I into exile must be sent, Let me not grieve; the Fate's commanding lips I bim and take my way without a fear, If in the desert I must pitch my tent, Love hath within itself all fellowships,

Is friends and home and rest and plenteous cheer.

PHASES OF ITALIAN WITCHCRAFT.

Curious Things Recommended for Pur-

poses of Luck-A Strange Case. From such persons you may hear that if any one takes the eggs out of a raven's nest, boils them so as to render them incapable of incubation and replaces them the parent birds will fly to a brook and fetch thence a white stone of the size and shape of the eggs. The stone, they say, it places carefully among the eggs and then sits on eggs and stone together. The stone restores vitality to the eggs, and after the brood is fledged and has flown it is left behind in the nest. It has, however, suffered a great change. It is now semi-transparent, and in every respect except its weight and hardness is exactly like an egg. If it be placed near any poisoned food the yelk begins to move violently and thus warns the fortunate possessor of his danger.

The lapwing is even more given to sorcery. It always deposits a stone the size of a pea in its nest. What use it is to the bird or its family no one seems to know, but if any one finds it and paces it under the pillow of a sleeping person he will answer every question that does not exceed the limits of human knowledge with perfect truth in the language in which it is asked. The marvelous stories told of serpents are innumerable. There is one about a yard in length and as thick as the upper part of a strong man's arm, which haunts dry wooded places. It is so venomous. especially in May, that not only will the first person it bites in that month die himself but any one who stands beside or comes to help him will share the same fate. If he falls be neath a tree, that, too, or if it be very large, at least one-half of it will be killed.

Again, serpents of all kinds are very fond of milk. In the old days, before the railway was built, a coachman who used to drive on the road between Foggia and Naples once fell asleep outside a little inn while his horses were baiting. His mouth was open and a snake crept down his throat. After this he felt unwell, though he did not know why, and none of the doctors could tell what was the matter with him. At last he consulted the professors of the University of Naples. They hung him up by his feet and placed a great bowl of milk beneath his head. The snake, attracted by the smell, crept out to drink, but still kept a great part of its body in the mouth and throat of the coachman. A young doctor sprang forward, pulled it out and threw it away, when it was killed. It was about two and a half feet in length. After this the patient was as well as ever .-Saturday Review.

Fisher-Folk Poculiarities. It is not to be wondered at that these poor, gnerant people, who live on or by the sea all their lives, are imbued with queer notions and superstitions concerning it. They do not acknowledge this readily, are rather ashamed of it, indeed, and it takes time and familiarity to bring these superstitions to light. They appear to endow the sea with entient power, with an intelligent and generally malignant will. It is ever ready to undo human labor and destroy human hope, Before very rough weather there occasion ally comes a strange calm, a hush like to nothing save the holding of a breath before a furious outburst of ray effect, coming, as it often does, at nightfall, After this a dull, wailing, muffled sound creeps out of the darkness-a sound as of lamentation and entreaty heard from afar. "The sea is calling," they say here; and when this happens the fishemen expect a gale before morning. When the sea has got hold of its prey and there is a house or houses desolate in the village, they hold that it mourns, making quite a different sound to any other time.

About funerals there are odd observances and ideas. It is unlucky either to meet or to cross a funeral train. There are girls in the village who are a sort of professional mourners (though unpaid) for children and young women who die unmarried. They are dressed in black, with white hoods, and shawls of white spun silk on their shoulders. Six of these mourners is the mystic number, and whenever one is married another is selected to fill her place. Probably it is considered a post of honor, for there never seems wacancy, though I do not know how the selection is made. They are grave looking damsels, so it may be by their fitting appearance. At a young man's funeral there are only two of these girls, who walk before and are called "servers." The Dissenters have a custom of singing a sort of dirge over their dead, not unlike in effect the chanting of the monks at a funeral in Rome. But when the sad duties are done comes a time of feasting. Their pride forbids them to have anything but "a menseful funeral." Anothe peculiarity is that when the people are asked to attend, it is by men and girls named "bidders" (not necessarily relatives of the deceased). - Art Journal.

Hints on Bathing.

We "take cold" through the skin, it hould be remembered, as we also breathe through it, throwing off superfluous heatwhich becomes fever when the perspiration suppressed-and also sending off waste products. Persons who have any tendency to pulmonary disease should make their skips active. A double handful of common salt thrown into the bathing water after the cleaning process has been performed is a beneficial addition. The saline particles are very penetrating, and no amount of rubing will remove them from the skin, upon which they exert a most useful though a gentle, stimulating influence, especially salutary in cases of sluggish liver. Not only does this net locally on the skin, increasing its secretions, but also quickens the process of nutrition in all the tissues of the body.

Thumbless mittens of ordinary Turkish toweling are as good as the more costly sponges for the luxury of the daily "rub bath." A large Turkish towel, wrang out in either tenid or cold water will expedite the bathing process; and by all means provide a good sized towel for the dry rub afterward, Turkish towels that come the size of crib sheets are most useful for this, and the luxury of keeping two lipen bath sheets in daily use is known to the initiated few. After either a cold or a warm plunge such the immediate covering of the whole boly in a large wrap of linen or the soft tufted cotton gives the sensation of luxury that some people never know.—New Orleans

Picayune. Holding His Position.

Wife-It don't see how you can say that Mr. Whitechoker has an effeminate way of

THE FASTER'S FIRST DINNER.

Merlatti's Knife and Fork Idle Even

After the Fifty Days' Fast. Merlatti, contrary to expectation, acco plished his extraordinary fasting feat, which commenced fifty days before. There has been some foubt as to his having completely fulfilled the terms of his engagement, since he began to take a little chemically prepared wine at 5:80 o'clock one afternoon, the stipulated time being 6:30. He was also given some pepsum and meat powder, but his stomach rejected them. The wine, however, did him good, and he was able to swallow it in repeated gulps and with infinite relish, According to the opinion of some of the doctors he will be unable to eat any solid food for twenty-five days to come.

Those who flocked to the Grand Hotel recently for the purpose of seeing the Italian take his first installment of nourishment were rather disappointed at finding, not the corpse like form which they expected, but a man still apparently in health and spirits, although languid in body and anomie in feature. Merlatti was propped up on pillows and reclined on a couch, near which were exhibited some of his drawings. A long counter kept the frequent and inquisitive crowds of men and women who thronged to see him from approaching too near his resting place. The comparative healthiness of the man's appearance after so long a fast can only be attributed to the fact that the pangs of hunger are mitigated and intermittent after the first five or six days. Thus, when I first saw Merlatti there was a strong expression of pain on his face, and his eyes were of an unnatural brilliancy. These symptoms were quite consistent with his case, because the agony of hunger is most acute in the earlier stages of suffering. Since then be has been in a state of languor and exhaustion, varied occasion ally with feverishness, pains in the head, frenzied dreams and touches of madness.

Latterly he had begun to suffer more everely in the head and stomach, but his energy has enabled him to persist in his determination to the bitter end. Efforts were of course made to make him break his fest a fortnight ago, yet there is every reason to believe that he has done his best to subsist on nothing during the fifty days but the filtered water. I left Merlatti this evening at the banquet, over which he presided, in the Grand Hotel. Every seat at the tables was full, and nearly one hundred guests, among them being some women and children, were present. The Italian sat among the members of the medical committee, a lady being on his left. He seemed to regard the rich viands, appetizing sauces and sparkling wines spread out in profusion before him with a half sad, half amused air, but his of plates and the popping of champagne.— Paris Cor. London Telegraph.

Banish the Railroad Stoves. For the last forty years, since railroads have been equipped with heavy cars and run at high rates of speed, scarcely a year has passed without the loss of life frem burn ing car wrecks. The method of heating cars now is substantially the same as it was forty years ago. Each car has a stove, and the only improvement yet made is a better system of securing them more firmly and putting them in a sort of metal casing. But the be ginning of the present year has shown again and with horrible emphasis, that the precau tions against the burning of wrecked cars are totally inadequate, and that the present system of heating should be superseded by mething radically different.

The method employed upon the elevated railroads in this town shows that a train of cars can be perfectly heated without the pos sibility of fire in case of accident. That method consists in a pipe furnished with steam from the locomotive, and it serves the whole train, each car being heated equally from end to end. It is a very simple plan, that the oyster is the most healthful and it should be adopted upon all railroads,

There would be another very great advantage in the use of this system. As it is now, the brakeman tends the stove, and as he has other duties, he piles on all the coal the stove will hold and lets it go. The usual result is that when there is any fire at all it is a roarer, enough to roast anything as far away as the sixth row of seats and to give all the passengers headache. But if the engineer controlled the heating he would be able to regulate it with more constant attention and more disinterested judgment. By next year there should not be a single stoy in use in a passenger train in this whole country, and if the present engines are not big enough to supply the additional steam required bigger ones should be put in their places .- New York Sun.

New Method of River Mining.

A novel way of river mining is now being carried on near the Garibaldi Mining company's property on the Stanislaus river, two below Robinson's Ferry. The plan consists of a scow twenty by sixty feet on which is placed a steam engine and boiler of fifteen horse power with a powerful suction pump attached. The pump not only throws an immense stream of water, but at the same time draws the sand, rocks and gravel from the bed of the river at the rate of fifty tons per hour. The pump discharges into the head of a flume running the entire length of the scow, and drops the material, less the gold, some ten feet away from the stern of the boat. Any large rocks that may obstruct the free working of the pump are hustled out of the way in short order by large and powerful derricks. As the Stanislaus river is noted for its heavy gold deposits the results can hardly fail to meet, if not greatly exceed, the anticipations of the Chicago capitalists who have it in charge,-Calaveras (Cal.) Prospect.

An Empress Among Lunatics. Empress Elizabeth of Austro-Hungary re ently visited the Vienna lunatic asylum with the wife of Princs Karl Theodore, her brother, the famous oculist. Nearly all the mad men and women recognized the empress, who had visited the place before, and several noblemen kissed her hands while the women knelt to receive ber blessing. One lunatic approached her majesty and said: "No one would ever think you were a grandmother. There was such a touch of flattery combined with the opposite sentiment in this that the empress broke into uproarious laughter and asked the lunatic's name and if she were curable. She was told she was and her majesty immediately ordered that anything the woman wanted should be charged to the imperial purse.—Foreign Letter.

Mechanical Traps for the Sucker. A good many people think that most of the gambling houses in Chicago are run "on the square," but Hendrie, the expert clock and model maker, tells me that he is often called in by gambling gentlemen to make some contrivances for their use.

He says he has made for certain well known gambling shop proprietors in Chi-cago, "hold out" devices for use in poker, as well as "stripper" attachments for faro boxes. The roulette wheels, he says, he never heard of being tampered with, proba-bly because the odds against the player are about as three to two, and that gets away with his money quite fast enough. - Chicago

It is estimated that there are 325,570 telephones in use in this country. Nine years ago there were only 870.

Medical Instinct of Animals.

Animals get rid of their parasites by using dust, mud clay, etc. Those suffering from fever restrict their diet, keep quiet, seek dark, airy places, drink water, and sometimes plunge into it. When a dog has lost its appetite it eats that species of grass known as dog's grass, which acts as an emetic and a purgative. Cats also eat grass. Sheep and cows, when ill, seek out certain herbs. An animal suffering from chronic rheumatism always keeps, as far as possible, in the sun. The warrior ants have regular-organized ambulances.

Latricilia cut the antennæ of the ant, and other ants came and covered the wounded part with a transparent fluid secreted in their mouths. If a chimpanzee is wounded it stops the bleeding by placing its hand on the wound or dressing it with leaves and grass. When an animal has a wounded leg or arm hanging on it completes the amputation by means of its teeth.

A dog on being stung on the muzzle by a viper was observed to plunge its head repeatedly for several days into running water. This animal eventually recovered. A sporting dog was run over by a carriage. During three weeks in winter it remained lying in a brook, where its food was taken to it. This animal recovered. A terrier hurt its right eye. It remained under a counter, avoiding light and heat, although it habitually kept close to the fire. It adopted a general treatment, rest and abstinence from food. The local treatment consisted in licking the upper surface of the paw, which it applied to the wounded eye; again licking the paw when it became dry. Animals suffering by the continued application of cold water, which M. Delaunay considers to be more certain than any of the other methods. In view of these interesting that hygiene and therapeutics as proluced by animals may, in the interest of psychology be studied with advantage. -New Orleans Picayune.

Good Qualities of the Oyster.

"It is all nonsense about a steady diet on oysters being injurious to the system," said a wealthy Thirty-fourth street knife and fork were silent amid the clatter physician to a reporter the other day. "Many persons think so, however. It may be that oysters do not produce the most pleasant results when cooked in a rich style and eaten just before going to bed. When taken with wine late at night, of course, if there is any bad effect the next day the oysters are blamed for it. Oysters have excellent medicinal qualities, are nutritious, and when plainly cooked or eaten raw are very wholesome, especially so in cases of indigestion. Oysters never produce indigestion, and that is something that can not be said of any other alimentary substance. During my experience I have found in several case where oysters have been taken daily they have done much toward curing the patient. Invalids have discovered in oysters the required aliment, besides being by far the most agreeable food to take. Raw oysters, too, are said to be very good for hoarseness, although I have never tested their merits on that point. It is my belief article of food known to man."-New York Mail and Express.

The Virus of Glanders.

Glanders has become so prevalent and so destructive in Illinois that the state live-stock commission will probably hasten to avail itself of the results of the recent investigations of MM. Cadeac and Malet on the resistance of the virus of this disease to the destructive agency of atmospheric air and heat. In a general way it may be stated that these prove that the virus-like Koch's cholera germ -is rendered inert by thorough drying. Fragments of farcy buds from the lungs retain virulence in the central parts as long as twenty-four days, while the more external layers lose theirs at rates dependent on the facility with which they become desiccated in the atmosphere. An atmosphere saturated with moisture and at ordinary temperatures preserves the virulence of the morbid humors for very long periods of timefifteen to thirty days. Boiling the virus for two minutes in water suffices to destroy its activity, but simply pouring boiling water on the morbid material does not destroy its virulence.-Chicago

the Hon, Ralph Abercrombie says: "Three servation in which brown-skinned naavert opthalmia from the glare of hot cate. sand. The natives of Fiji do the same and so do the natives of the Silkim hills, and it is only reasonable to suppose that a practice of such wide diffusion, and such striking similarity, is found useful, that is, protective in the places and under the conditions contemplated.

Origin of a Salt Mine. In the eastern coast of the Caspian sea a curious phenomenon is in progress. Kara Bobhaz is an estuary nearly separate from the main body of the sea by a bank through which there is an inlet. The evaporation from this gulf is so great that a current continually sets in from the Caspian; and as there is no return current, the water of the gulf becomes more and more saliferous, and a deposit of salt is in course of formation. In time this gulf will be cut off from the Caspian, and will then be dried up and become an extensive salt-bed. - New York Commercial Advertiser.

The Basin of the Congo.

A famous French authority writes from nine years' experience in French Congo that he has come to the conclusion that the west African territory and the basin of the Congo must be left to for 1,500 people. be developed by the original inhabitants and not be colonized by immigrants.—
Boston Budget.

QUEER HAPPENINGS IN WAR.

Shell, Wounds and Death. of a musket.

At the battle of Franklin the first | Having no object at hand by which open fire killed twenty-six Confederates. as to the magnitude of this cavity in the stumbled and fell forward on the crater extracting sulphur, told me that ground, breaking his neck.

solid shot thrown from a Federal gun- trust his weight upon it. boat on the lower Mississippi. A Con- An awful silence now broods over this from traumatic fever treat themselves federate flying battery was just taking scene of emptiness and desolation, in position, and one piece had already striking contrast with the roar and turat this piece. The big mass of iron who attempted to ascend the volcano struck the six-pounder square on the 350 years ago. At brief intervals a rock facts we are, he thinks, forced to admit muzzle and upset gun and carriage. A or boulder rolls thundering down the flew to the left and killed two men. not help wondering what must have Three men were hurt by smaller frag- been the original depth of the crater, field-piece, and crushed the leg of a canic actions, and prepared to make our shot so disorganized the battery that it Cleveland Leader. limbered up and wheeled away to cover.

While heavy ordnance is necessary in reducing forts and earthworks, it is fire saved his army from capture. So the loss by the hundreds of enormous non amounted to no more than 100 men. effect of the awful crash and terrific exthe troops in line.

that event the Confederate Gen. Shelby results. planted four pieces of flying artillery on One thing is surely bad-the subjectthe levee, within 400 feet of the same ing of all children, the weak with the gunboat at anchor, and without the robust, the dull with the bright, to the least cover for men or guns kept up the same iron-bound system and course of fight for over an hour, or until the gun- study. The instruction should in some boat backed out of it and steamed way be better adapted both to the indi-

away. escapes is allowed in a steamboat explozion: but he who goes to war has nothlets and live on, or the first may be fatal. He may ride in the wildest charge bullet around his camp fire. -Army Bul letin.

The Throat and the Voice.

The throat is a wonderful instrument of music. Place the fingers upon it, and this world, but it shows a good heart to every time you speak you can feel the vibration of the vocal organs, producing strength shall be. If labor is rewarded sound. Anything that even touches the it is all right. Rowland says he throat impairs the purity of those sounds. don't mind pulling fodder at all if it Fling a cloth over the strings of a piano don't get wet and spoil in the curing. or violin, and get music out of it if you can. So every cloth which surrounds the throat impairs the sweetness of the rich one if his labor is rewarded-a reasvoice. Women go with necks bare; men onable reward. Then it is willing la-Writing from Darjeeling to Nature, have theirs swathed and bandaged, and bor. The watchman goes on duty willten women have sweet voices where one ingly at midnight. The doctor hears cases have come under my personal ob- man has. A man's voice should be as the door-bell ring willingly when deep pure as a woman's. Why is it not? He sleep has possessed him on a cold and tives, in very different parts of the is shaved and choked. God has provided stormy night. The night editor of the world, blacken their faces to protect a covering for man's throat, light and them from the intense light and heat." soft: it clothes the neck and preserves The examples he gives are those of the the health. But a man gets a sharp iron, inhabitants of Morocco, as well as of scrapes his neck, ties a rag round it, others along the north of Africa, who takes cold, has sore throat, bronchitis, blacken themselves around the eyes to consumption, and dies.-Christian Advo-

Her Grief Assunged.

A little New York girl, while spending the summer in the country, became very much attached to a pet chicken, which she wished to take home with

"That's impossible, Sadie," said her mother. "We wouldn't know what to do with it. If you don't want to leave it here, why not let Uncle James kill it, and we'll have it for supper?"

"Oh, mamma," sobbed the little girl, "can I have all the white meat?"-New York Sun.

Prevention of Consumption. The extent to which consumption can be prevented in a community, if it is treated as a contagious disease, is shown

by the experience of Naples, where for eighty years it was so treated, with precautions so rigid as to be inhumane, but with the result of practically stamping out the disease.-Chicago News.

Largest Flat in Existence. The largest flat in the world is situated on the corner of Mott and Elizabeth streets, New York, and affords a home

A paper sleigh has been invented by a

The Cruter of Popocatapelt.

But the chief object of interest on the A Lettery in Which the Prizes Are Shot, top of Popocntapelt is the crater. Imagine the interior of a mountain liter-Men might write for 100 years of the ally blown out by an explosion, to the curious phases of war, and still leave depth of 600 or 800 feet, leaving a narthe subject fresh. War is a lottery, and row rim perpendicular on its inside surthe prises are shot, shell, wounds and face. This would be no exaggerated death. Tens of thousands of men served picture of the real appearance of the four years in the late war and returned crater. I stood and looked over the home. In 1,000 cases recruits were dizzy brink in mute astonishment. A killed within twenty-four hours after vast cavity, unsuspected from the outreaching the front. War's missiles are side, sank away at my feet, rock ribbed, no respecters of persons, and the soldier ragged and torn, along its precipitous who fights an all day's battle without sides. Out of orifices in its deep and receiving a wound may be killed in his dismal bottom rose jets and streamers tent at night by the accidental discharge of steam, puffing and blowing in the dead

shell sent from the first field-piece to to gauge the size, I was greatly deceived The next five shells from the same gun mountain's bowels. I supposed it measeither failed to explode or cleared the ured perhaps 500 feet across, but a advancing lines. In this same fight, the friend subsequently told me that a ball horse of a Confederate colonel was cut from his rifle did not reach the opposite square in two by a shot, and the rider wall, as indicated by no displacement of escaped unhurt. Ten minutes after a stones. It is fully a mile in diameter, Union officer behind the breastworks and a workman who had wrought in the the fumeros, or vents of steam, instead of In one of the assaults on Fort Wagner, being a foot in diameter as they appeared in Charleston harbor, the iron-clad fleet, to be, measured from twelve to eighteen assisted by land batteries numbering feet. The vapor pouring out of these twenty-seven heavy cannon, bombarded holes is highly impregnated with sulthe fort for two hours before killing a phur, which is deposited on the rocks single soldier. From seventy to eighty and in the soil, and becomes an inexheavy cannon were hurling three tons of haustible supply of this mineral. The iron into the fort each minute, and yet crane and rigging for lowering the no one was hurt until over 300 tons of workmen into this inferno still remains "solid death" had been wasted. As an in place, but the rope having been unoffset to this, witness the work of a single used for three years, no one cares to

opened fire. The Federal shot was aimed bulence which terrified the Spaniards, piece of the muzzle, weighing about precipitous sides to the bottom, displactwenty pounds, was broken, and this ing other stones on its way, and one can ments or flying splinters. The big shot which after 200 years of such accrenext struck and exploded a caisson, kill- tions, still measures more than 600 feet. ing three men and wounding two others. It was with a sigh of regret that /e at From the caisson it turned to the right, last turned away from these most astonkilled a horse, smashed a wheel of a ishing and stupendous remains of volsergeant to a bloody mass. That one descent to lower earth.-Mexico Cor.

Overwork in Public Schools.

The proper time to consider the quesdoubtful if there was any profit in the tion of overwork in schools is at the bework of the big guns carried by the iron- ginning of the term, when the evil can clads on the rivers. When McClellan be prevented, and not, as is usually fell back he had the cover of gun-boats, done, at its end, when the manifest bad and some writers have claimed that their effects give rise to pointless moralizing. School teachers generally will not ad-

far as the Confederacy records show, mit that the ordinary public school course causes overwork in the pupils. shells thrown over the heads of our But the pale faces, emaciated forms, troops into the woods by these great can- headaches and bad nervous conditions observable in the children at the end They were a new thing then, and the of the school year show plainly that something is wrong. It may be that the plosion on the men was demoralizing on | bad air of the school-rooms or improper diet and care at home contribute to pro-A Union gunboat on the White river duce the fagged-out appearance, but threw three shells into a Confederate there can be little doubt that the highcamp, killed nearly fifty men, and routed pressure system of head-cramming is a force of 800. Within a week after responsible for a large share of the bad

vidual needs and the capacity of the The chances in a lottery can be figured scholars. The rivalry, the worry and down fine, and a certain percentage of suspense in contests for promotion, under an absurd system of marks, should be abolished. Parents on their part ing to console him. He may dodge a should see to it that their children get 200-pound shell and be killed by two plenty of sleep and outdoor play, and buckshot. He may receive a dozen bul- that the older girls avoid social dissipation. Study alone hurts very few children. It is the things superadded unhurt, and he may be killed by a stray to necessary study, or bad conditions for studying that do the most of the mis-

Contentment of the Poor Man.

chief .- New York World.

There is lots of sympathy wasted in have it. As the burden is, so the Contentment is what we all want, and the poor man can be as contented as the daily paper is a willing slave to the lamp. Every true man will screw his courage up to the sticking point if the reward is in sight.—Bill Arp in Atlanta Constitution.

"Boston, Every Inch of Him."

"Have you any ash trees on the common?" my fellow pilgrim asked a policeman who was walking along declining some Latin noun (the only thing a Boston policeman ever does decline). He stopped and looked at my friend with the utmost commiseration for his ignorance. "We have the 'Fraximus Americana,' " he replied, waving his stick in the direction of a white ash not far away. Boston, every inch of him. -Boston Cor. Chicago News.

New York's Catholic Governor.

Many people are probably not aware of the fact that New York had an Irish Catholic governor in 1683, and for some years after. This was Thomas Dongon, the younger son of Sir John Dongan, an Irish baronet, and a nephew to Richard Talbott, earl of Tyrconnel.

Payable to His Grandson. "Your article is accepted," wrote the magazine editor to the author.

"All right," wrote the author back; "make the check payable to my grandson. His name will be sent to you when he is born and christened."—Boston

Professor Proctor says an earthquake s simply an assurance that our globe is sot dead.